

What is claimed is:

1. An apparatus, comprising:
 - a dispenser having a lower chamber, an upper chamber, an upstream opening, and a downstream opening;
 - a first powered valve operably connected to said upstream opening; and
 - a second powered valve operably connected to said downstream opening.
2. The apparatus of claim 1, further comprising:
 - a first water line secured to an upstream side of said first powered valve; and
 - a second water line secured to a downstream side of said second powered valve.
3. The apparatus of claim 1 wherein:
 - said first powered valve has a first conductor for supplying electricity to said first powered valve; and
 - said second powered valve has a second conductor for supplying electricity to said second powered valve, said first conductor being in electrical contact with said second conductor.
4. The apparatus of claim 1 wherein said first and second powered valves comprise electrical solenoid valves.
5. The apparatus of claim 1 wherein a lower portion of said upper chamber is disposed below an upper portion of said lower chamber.
6. The apparatus of claim 5 wherein said lower portion of said upper chamber is disposed above a lower portion of said lower chamber.
7. The apparatus of claim 6 wherein said lower portion of said lower chamber is unobstructed over substantially its entire length.
8. The apparatus of claim 5 wherein said dispenser comprises a tee connector and a cylinder secured to an upper opening of said tee connector.
9. The apparatus of claim 5 wherein said upper chamber comprises a cylinder, said cylinder having an upper portion with a first diameter, and a lower portion with a second diameter, said second diameter being less than said first diameter.
10. The apparatus of claim 5 wherein said upper chamber comprises a cylinder, said cylinder having a bottom having a plurality of openings passing therethrough and said cylinder having

- 3 a side having a plurality of openings passing therethrough.
- 1 11. An irrigation system, comprising:
- 2 a first water line;
- 3 an RPZ valve, said first water line being operably connected to an upstream side of said RPZ
- 4 valve;
- 5 a second water line operably connected to a downstream side of said RPZ valve;
- 6 a first powered valve, said second water line being operably connected to an upstream side of
- 7 said first powered valve;
- 8 a dispenser operably connected to a downstream side of said first powered valve;
- 9 a second powered valve operably connected to a downstream side of said dispenser;
- 10 a third water line operably connected to a downstream side of said second powered valve;
- 11 and
- 12 a sprinkler head operably connected to said third water line.
- 1 12. The system of claim 11 wherein said dispenser comprises an upper chamber and a lower
- 2 chamber, a lower portion of said upper chamber being disposed below an upper portion of
- 3 said lower chamber
- 1 13. The system of claim 12 wherein said lower portion of said upper chamber is disposed above a
- 2 lower portion of said lower chamber, and said lower portion of said lower chamber is
- 3 unobstructed over substantially its entire length.
- 1 14. The system of claim 12 wherein said upper chamber comprises a cylinder, said cylinder
- 2 having an upper portion with a first diameter, and a lower portion with a second diameter,
- 3 said second diameter being less than said first diameter.
- 1 15. The system of claim 14, further comprising:
- 2 a lid removably secured to an upper portion of said cylinder; and
- 3 pressure release means operably connected to said lid for releasing pressure from within said
- 4 cylinder before said lid is removed.
- 1 16. A dispenser, comprising:
- 2 a tee connector having an upper opening, said tee connector forming a lower channel; and
- 3 a cylinder secured to said upper opening of said tee connector, said cylinder forming an upper

4 chamber, said upper chamber having a lower portion disposed below an upper portion of said
5 lower chamber and above a lower portion of said lower chamber;
6 said lower portion of said upper chamber having a bottom with a plurality of openings
7 passing therethrough and having a side with a plurality of openings passing therethrough; and
8 said lower portion of said lower chamber being unobstructed over substantially its entire
9 length.

1 17. The apparatus of claim 16, further comprising:

2 a first reducer bushing operably connected to an upstream opening of said tee connector; and
3 a second reducer bushing operably connected to a downstream opening of said tee connector.

1 18. The apparatus of claim 17, further comprising:

2 a first powered valve operably connected to said first reducer bushing; and
3 a second powered valve operably connected to said second reducer bushing.

1 19. A method of irrigating an area, comprising:

2 (1) providing a dispenser, a first powered valve operably connected to an upstream side of
3 said dispenser, and a second powered valve operably connected to a downstream side of said
4 dispenser;

5 (2) opening said first and second powered valves;

6 (3) passing water through an RPZ valve;

7 (4) after step (3), passing said water through said first powered valve and into said dispenser;

8 (5) after step (4), adding soluble matter to said water;

9 (6) after step (5), passing said water from said dispenser and through said second powered
10 valve;

11 (7) after step (6), passing said water to a sprinkler head; and

12 (8) after step (7), closing said first and second powered valves.

1 20. The method of claim 19 wherein step (5) comprises:

2 (a) passing a portion of said water from a lower chamber of said dispenser into an upper
3 chamber of said dispenser to dissolve soluble matter stored within said upper chamber; and

4 (b) after step (a), passing a solution of water and soluble matter from said upper chamber to
5 said lower chamber.